



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/607,907

06/27/2003

David Carroll Snader

018360/262695

8093

826

7590

06/15/2006

ALSTON & BIRD LLP  
BANK OF AMERICA PLAZA  
101 SOUTH TRYON STREET, SUITE 4000  
CHARLOTTE, NC 28280-4000

EXAMINER

ZHEN, LI B

ART UNIT

PAPER NUMBER

2194

DATE MAILED: 06/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/607,907

Applicant(s)

SNADER ET AL.

Examiner

Li B. Zhen

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-120 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-120 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.


**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 6/27/03;9/30/03.

-   
**WILLIAM THOMSON**  
SUPERVISORY PATENT EXAMINER
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1 – 120 are pending in the application.

***Information Disclosure Statement***

2. The information disclosure statements (IDS) submitted on 6/27/2003 and 9/30/2003 are in compliance with the provisions of 37 CFR 1.97 and 1.98. Accordingly, the information disclosure statements are considered by the examiner.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

4. **Claims 1-7, 11-72, 76-78, 82-90 and 94-120 are rejected under 35 U.S.C. 102(a) as being anticipated by U.S. Patent Application Publication No. 2002/0152332 to Rensin et al. [hereinafter Rensin].**

5. As to claim 1, Rensin teaches a method comprising: mapping contact data [allow the user to easily and quickly select an address from the local database associated with the address book application; p. 6, paragraph 0066] from personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] to automatically populate an application [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066].

6. As to claim 2, Rensin teaches wherein the application is a web application [web pages, such as web site 23; p. 4, paragraph 0045], and the mapping of the contact data is performed to map one or more fields of contact data to one or more corresponding fields of a web page of the web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in

Art Unit: 2194

handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

7. As to claim 3, Rensin teaches wherein the mapping is performed using mapping data that defines the mapping of at least one field of the contact data from the PIM software to at least one corresponding field of the web page [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

8. As to claim 4, Rensin teaches the mapping data is mapped to map the field of contact data to the corresponding field of the web application [User interface 26 lists items that may be selected by the user to fill the fields of an on-line form; p. 4, paragraph 0051] via a browser extension embedded in the web page of the application [Software plug-in 27 implements the functions required to fill an on-line form with data records from a local database in handheld Internet appliance 20; p. 4, paragraph 0049].

9. As to claim 5, Rensin teaches the extension is an ActiveX® control [p. 4, paragraph 0049].

10. As to claim 6, Rensin teaches the extension is a Netscape® plug-in [p. 2, paragraph 0023].

11. As to claim 7, Rensin teaches a user of the web application uses a computing device to enter one or more alphanumeric characters into a field [p. 4, paragraph 0051], the method further comprising: displaying one or more sets of contact data for the user to select for mapping to the fields of the web page [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

12. As to claim 11, Rensin teaches wherein the public communications network is the Internet [Internet 22; p. 3, paragraph 0038].

13. As to claim 12, Rensin teaches the contact data comprises a person's name [pp. 4 – 5, paragraph 0054].

14. As to claim 13, Rensin teaches the contact data comprises a company name [p. 5, paragraph 0058].

15. As to claim 14, Rensin teaches the contact data comprises an address [p. 5, paragraph 0058].

16. As to claim 15, Rensin teaches the contact data comprises a telephone number [p. 5, paragraph 0061].

17. As to claim 16, Rensin the contact data comprises a mobile number [p. 3, paragraph 0038 and p. 5, paragraph 0061].

18. As to claim 17, Rensin the contact data comprises a facsimile number [p. 4, paragraph 0044].

19. As to claim 18, Rensin teaches the contact data comprises an email address [p. 4, paragraph 0045].

20. As to claim 19, Rensin teaches receiving mapping software [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046] at a computing device from a public communications network [Users of handheld Internet appliance 20 connect to Internet 22 to access e-mail and various web pages, such as web site 23; p. 4, paragraph 0045], the mapping software [Database

Art Unit: 2194

browser; p. 6, paragraph 0066 and p. 4, paragraph 0051] for generating mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] that maps at least one field of contact data [data record] from a personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] to at least one corresponding field of a web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

21. As to claim 20, Rensin teaches the application is a web application [web pages, such as web site 23; p. 4, paragraph 0045], and the mapping software can be operated by a user to generate the mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] to map at least one field of the contact data to at least one corresponding field of the web page of the web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

22. As to claim 21, Rensin teaches receiving interface software for automatically populating the web page of the web application with contact data based on the mapping data generated by the mapping software [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066].

23. As to claim 22, Rensin teaches the interface software enables a user of the computing device to enter one or more alphanumeric characters [p. 4, paragraph 0051], and the interface software generates a display of one or more sets of contact data corresponding to the characters entered by the user, the user selecting from among the displayed sets of contact data to populate the web page of the web application [User

Art Unit: 2194

interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

24. As to claim 23, Rensin teaches the interface software comprises a browser extension embedded in the web page of the web application [Software plug-in 27 implements the functions required to fill an on-line form with data records from a local database in handheld Internet appliance 20; p. 4, paragraph 0049] by a web browser of the computing device [p. 3, paragraph 0039].

25. As to claim 24, Rensin teaches the browser extension is an ActiveX® control [p. 4, paragraph 0049].

26. As to claim 25, Rensin teaches the browser extension is a Netscape® plug-in [p. 2, paragraph 0023].

27. As to claim 26, Rensin teaches a method comprising: receiving interface software [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046] at a computing device from a public communications network [Users of handheld Internet appliance 20 connect to Internet 22 to access e-mail and various web pages, such as web site 23; p. 4, paragraph 0045], the interface software [Database browser; p. 6, paragraph 0066 and p. 4, paragraph 0051] for automatically populating the web page of the web application with contact data based on the mapping data generated by the mapping software [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

Art Unit: 2194

28. As to claim 27, Rensin teaches the interface software enables a user of the computer to enter one or more alphanumeric characters [p. 4, paragraph 0051], and the interface software generates a display of one or more sets of contact data corresponding to the characters entered by the user, the user selecting from among the displayed sets of contact data to populate the web page of the web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

29. As to claim 28, Rensin teaches the interface software comprises a browser extension embedded in the web page of the web application [Software plug-in 27 implements the functions required to fill an on-line form with data records from a local database in handheld Internet appliance 20; p. 4, paragraph 0049] by a web browser of the computing device [p. 3, paragraph 0039].

30. As to claim 29, Rensin teaches the browser extension comprises an ActiveX® control [p. 4, paragraph 0049].

31. As to claim 30, Rensin teaches the browser extension comprises a Netscape® plug-in [p. 2, paragraph 0023].

32. As to claim 31, Rensin teaches a method comprising: transmitting mapping software [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046] for generating mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] that maps contact data [data record] from a personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] to an application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld



Art Unit: 2194

Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

33. As to claim 32, Rensin teaches the transmitting is performed at a web server to transmit the mapping software over a public communications network [Users of handheld Internet appliance 20 connect to Internet 22 to access e-mail and various web pages, such as web site 23; p. 4, paragraph 0045] to a computing device [Internet appliance 20, Fig. 1; p. 3, paragraph 0038].

34. As to claim 33, Rensin teaches the application is a web application [web pages, such as web site 23; p. 4, paragraph 0045].

35. As to claim 34, Rensin teaches the mapping software maps one or more fields of the contact data to one or more corresponding fields of a web page of the web application [allow the user to easily and quickly select an address from the local database associated with the address book application; p. 6, paragraph 0066] to generate the mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066].

36. As to claim 35, Rensin teaches the mapping software can be operated by a user to generate the mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] by indicating the mapping of at least one field of the contact data to at least one corresponding field of the web page of the web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

Art Unit: 2194

37. As to claim 36, Rensin teaches transmitting interface software for automatically populating the application with contact data based on the mapping data generated by the mapping software [p. 4, paragraph 0046].

38. As to claim 37, Rensin teaches the interface software enables a user to enter one or more alphanumeric characters into a computing device running the interface software [p. 4, paragraph 0051], and the interface software generates a display of one or more sets of contact data corresponding to the one or more characters entered by the user, the user selecting from among the displayed sets of contact data to populate the application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

39. As to claim 38, Rensin teaches the interface software comprises a browser extension embedded in a web page of the web application [p. 4, paragraph 0049] by a web browser of the computing device [p. 3, paragraph 0039].

40. As to claim 39, Rensin teaches the browser extension comprises an ActiveX® control [p. 4, paragraph 0049].

41. As to claim 40, Rensin teaches the browser extension comprises a Netscape® plug-in [p. 2, paragraph 0023].

42. As to claim 41, Rensin teaches the mapping software and interface software are received by a computing device executing the mapping software and interface software in a set-up file [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046] from a remote web server [p. 1, paragraph 0005] via a public communications network.

Art Unit: 2194

43. As to claim 42, Rensin teaches the public communications network is the Internet [Internet 22; p. 3, paragraph 0038].

44. As to claim 43, Rensin teaches the contact data comprises a person's name [pp. 4 – 5, paragraph 0054].

45. As to claim 44, Rensin teaches the contact data comprises a company name [p. 5, paragraph 0058].

46. As to claim 45, Rensin teaches the contact data comprises an address [p. 5, paragraph 0058].

47. As to claim 46, Rensin teaches the contact data comprises a telephone number [p. 5, paragraph 0061].

48. As to claim 47, Rensin teaches the contact data comprises a mobile number [p. 3, paragraph 0038 and p. 5, paragraph 0061].

49. As to claim 48, Rensin teaches the contact data comprises a facsimile number [p. 4, paragraph 0044].

50. AS to claim 49, Rensin teaches the contact data comprises an email address [p. 4, paragraph 0045].

51. As to claim 50, Rensin teaches transmitting interface software for automatically populating an application with contact data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] from personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] based on mapping data [p. 4, paragraph 0046].

52. As to claim 51, Rensin teaches the application is a web application [web pages, such as web site 23; p. 4, paragraph 0045].

53. As to claims 52 – 55, these claims recite the same features that are presented in corresponding claims 27 – 30, see the rejections to claims 27 – 30 above, which also meet these claims.

54. As to claim 56, Rensin teaches the interface software is transmitted by a server over a public communications network to a computing device for execution thereon [p. 4, paragraph 0045].

55. As to claim 57, Rensin teaches the public communications network is the Internet [Internet 22; p. 3, paragraph 0038].

56. As to claims 58 – 64, these claims recites the same features that are presented in corresponding claims 12 – 18, see the rejections to claims 12 – 18 above, which also meet these claims.

57. As to claims 65-67, 69-72 and 76, these are apparatus claims that correspond to method claims 1 – 7 and 11; see the rejections to claims 1 – 11 above, which also meet these apparatus claims.

58. As to claim 68, Rensin teaches the mapping data is defined through execution of mapping software by the computing device so that the user can specify the mapping of fields of the contact data to corresponding fields of the web page [p. 4, paragraph 0046].

59. As to claim 77, this is an apparatus claim that is a combination of method claims 12 – 18, see the rejections to claims 12 – 18 above, which also meet these apparatus claims.

60. As to claim 78, Rensin teaches a system using a public communications network [Internet 22; p. 3, paragraph 0038], the system comprising:

a web server [p. 1, paragraph 0005] having a web application with at least one web page [web site 23, Fig. 1; p. 4, paragraph 0045], and a set-up file with mapping software and interface software [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046]; and

a computing device [Internet appliance 20, Fig. 1; p. 3, paragraph 0038] connected to communicate with the web server [p. 1, paragraph 0005 and p. 4, paragraph 0045] via the public communications network [Internet 22; p. 3, paragraph 0038], and having personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] storing contact data [p. 3, paragraph 0039],

the web server transmitting the set-up file [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046] to the computing device via the public communications network [Users of handheld Internet appliance 20 connect to Internet 22 to access e-mail and various web pages, such as web site 23; p. 4, paragraph 0045],

the computing device receiving the set-up file from the web server [At step 37, the user launches a web site containing on-line forms; p. 5, paragraph 0055] and executing the mapping software [Database browser; p. 6, paragraph 0066 and p. 4, paragraph 0051] to map at least one field of contact data [allow the user to easily and quickly select an address from the local database associated with the address book application; p. 6, paragraph 0066] from the PIM software [PIM applications including an address book; p. 3, paragraph 0038] to at least one field of a web page of the web application to generate mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066], and executing the interface software to map at least one field of contact data [data record] to at least one field of the web page of the web application based on the mapping data, to automatically populate the field of the web page with corresponding data [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record

Art Unit: 2194

from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046].

61. As to claim 82, Rensin teaches the public communications network is the Internet [Internet 22; p. 3, paragraph 0038].

62. As to claim 83, Rensin teaches the contact data comprises at least one of a person's name, a company name, an address, a telephone number, a mobile number, a facsimile number, and an email address [p. 4, paragraph 0052, see also the rejections for claims 12 – 18 above].

63. As to claims 84 – 90 and 94 – 101, these are product claims that correspond to method claims 1 – 7 and 11 – 18; see the rejections to claims 1 – 7 and 11 – 18 above, which also meet these product claims.

64. As to claim 102, Rensin teaches mapping software [Database browser; p. 6, paragraph 0066 and p. 4, paragraph 0051] executable by a computer [p. 4, paragraph 0045] to generate mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066] that maps contact data [data record] from personal information manager (PIM) software [PIM applications including an address book; p. 3, paragraph 0038] to an application [p. 4, paragraph 0046].

65. As to claim 103, Rensin teaches receiving the mapping software from a web server over a public communications network to a computing device [transcoding server 25 inserts user interface 26 on web site 23 with links to software plug-in 27; p. 4, paragraph 0046].

Art Unit: 2194

66. As to claim 104, Rensin teaches the application is a web application [web pages, such as web site 23; p. 4, paragraph 0045].

67. As to claim 105, Rensin teaches the mapping software maps one or more fields of the contact data to one or more corresponding fields of a web page of the web application [User interface 26 consists of a button that, when tapped, displays a menu for getting a data record from a local database in handheld Internet appliance 20. The menu lists items that may be selected by the user to fill the fields of an on-line form in web site 23; p. 4, paragraph 0046] to generate the mapping data [selected address is then automatically entered into the destination address field of the on-line form; p. 6, paragraph 0066].

68. As to claim 106, Rensin teaches the mapping software can be operated by a user [p. 6, paragraph 0066] to generate the mapping data by indicating the mapping of at least one field of the contact data to at least one corresponding field of the web page of the web application [p. 4, paragraph 0046].

69. As to claim 107, Rensin teaches the transmitting interface software for automatically populating the application with contact data based on the mapping data generated by the mapping software [p. 4, paragraph 0046].

70. As to claim 108, Rensin teaches the interface software enables a user to enter one or more alphanumeric characters into a computing device running the interface software [p. 4, paragraph 0051], and the interface software generates a display of one or more sets of contact data corresponding to the one or more characters entered by the user, the user selecting from among the displayed sets of contact data to populate the application [p. 4, paragraph 0046].

Art Unit: 2194

71. As to claim 109, Rensin teaches the interface software comprises a browser extension embedded in a web page of the web application [p. 4, paragraph 0049] by a web browser of the computing device [p. 3, paragraph 0039].

72. As to claim 110, Rensin teaches the browser extension comprises an ActiveX® control [p. 4, paragraph 0049].

73. As to claim 111, Rensin teaches the browser extension comprises a Netscape® plug-in [p. 2, paragraph 0023].

74. As to claim 112, Rensin teaches the mapping software and interface software are received by a computing device executing the mapping software and interface software in a set-up file [p. 4, paragraph 0046] from a remote web server via a public communications network [p. 1, paragraph 0005].

75. As to claim 113, Rensin teaches the public communications network is the Internet [Internet 22; p. 3, paragraph 0038].

76. As to claims 114 – 120, these claims recites the same features that are presented in corresponding claims 12 – 18, see the rejections to claims 12 – 18 above, which also meet these claims.

### ***Claim Rejections - 35 USC § 103***

77. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.



Art Unit: 2194

**78. Claims 8 – 10, 73-75, 79-81 and 91-93 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rensin in view of U.S. Patent No. 6,199,079 to Gupta et al. [hereinafter Gupta].**

79. As to claim 8, Rensin does not teach transmitting the web page with the populated data to the web server.

However, Gupta teaches automatically filling in on-line forms presented by web pages [col. 2, line 65 - col. 3, line 10], transmitting the web page populated with contact data to the web server via the public communications network to a server executing the web application [the user's clicking the "Buy it" link causes the execution of the transaction-wrapper that fills the correct forms in the correct order, ultimately bringing the user to the point where the user can confirm the transaction. All intermediate steps of filling forms with user-specific information is performed by the wrapper; col. 9, lines 15 - 23].

80. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Rensin to incorporate the feature of transmitting the web page with the populated data to the web server as taught by Gupta because this employs a single point to check out instead of multiple points thus saving time and money for everyone concerned [col. 9, lines 30 – 55 of Gupta].

81. As to claim 9, Rensin as modified teaches outputting the mapped contact data generated by automatically populating the contact data to the application [col. 5, lines 33 – 45 of Gupta], to an output device [printer; col. 5, lines 33 – 45 of Gupta].

82. As to claim 10, Rensin as modified teaches the output device generates a printed document based on the mapped contact data [col. 5, lines 33 – 45 of Gupta].

83. As to claims 73-75, these are apparatus claims that correspond to method claims 8 – 10; see the rejections to claims 8 – 10 above, which also meet these apparatus

Art Unit: 2194

claims. As to the motivation for combining Rensin with Gupta, see the rejection to claim 8 above.

84. As to claims 79-81, these claims recites the same features that are presented in corresponding claims 8-10, see the rejections to claims 8-10 above, which also meet these claims. As to the motivation for combining Rensin with Gupta, see the rejection to claim 8 above.

85. As to claims 91 – 93, these are product claims that correspond to method claims 8 – 10; see the rejections to claims 8 – 10 above, which also meet these product claims. As to the motivation for combining Rensin with Gupta, see the rejection to claim 8 above.

### ***Conclusion***

86. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent Application Publication No. 2002/0023108 discloses an automatic web from interaction proxy.

U.S. Patent No. 6,662,340 discloses automatically filling out fields of forms contained in a document with appropriate data from a user profile.

U.S. Patent No. 5,794,259 discloses a system for filling fields in Internet forms using control code to associate stored fill entities with field names.

### **CONTACT INFORMATION**

87. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on 571-272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2194

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Li B. Zhen  
Examiner  
Art Unit 2194

lbz



**WILLIAM THOMSON**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100